



REPAIR STATION CAPABILITIES LIST

Limited Ratings – Power Plant

Manufacturer	Make/Model	Part Number	Limitations
Pratt & Whitney	PT6A-60A-60AG/-61	N/A	None
Pratt & Whitney	PT6A-11/11AG/15AG/110/112/121	N/A	None
Pratt & Whitney	PT6A-21/25/27/28	N/A	None
Pratt & Whitney	PT6A-34 Series 35/36/114/135 Series	N/A	None
Pratt & Whitney	PT6A-38/41/42 Series	N/A	None
Pratt & Whitney	PT6A-45 Series & PT6A-65 Series	N/A	None
Pratt & Whitney	PT6A-50 Series	N/A	None
Pratt & Whitney	PT6A-67 Series	N/A	None

Limited Ratings – Accessories

Manufacturer	Make/Model/Description	Part Number	Limitations
Fairey Hydraulics	Flap Damper	3543H Series	None
Lord	Engine Mount	LM421	None
Fairey Hydraulics	Filters	3727 H1, 3443 H2	None
Dowty Aerospace	Hydraulic Accumulators	104224001, 104220001, 104343001, 104228001	None
Smiths	Pressure Switch	104250001	None
Dowty Aerospace	Hydraulic Release Valve	104277001, 104259001	None
AP Precision	Hydraulic Relief Valve	AIR87224-0	None
Dowty Aerospace	Hydraulic Reservoir	104245002, 10445003	None
Dunlop Aircraft	Master Cylinder	ACM.28062, ACM28546	None
Smiths	3 Way Selector	102697001	None
Dowty Aerospace	Hydraulic Pressure Reducing Valve	104270001, 104353001	None
Dunlop Aircraft Equipment	MK.3 Pressure Reducing Valve	AC.66218	None
FR-HiTEMP Hydraulic	Shut-off Valve	HTE 9921	None
Colt Industries (Menasco Aerospace, Ltd.)	Steering Actuator Assembly	18002 Series	None

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Menasco Aerospace, Ltd.	Retraction Actuator Assembly	17900 Series	None
Menasco Aerospace, Ltd.	Retraction Actuator Assembly	18500 Series	None
Hartzell	Pitch Change Bracket	HC-A6A-()B-1033, B-1033-2	Repair Procedure P-00167
Menasco Aerospace, Ltd.	Nose Landing Gear Assembly	18010 Series	None
Messier-Dowty	Downlock Bracket	200923002	None
Messier-Dowty	Nose Landing Gear	200921001, 200921003, 200921004, 200921005	None
Menasco Aerospace, Ltd.	Main Landing Gear Assembly	17530 Series	None
Dowty Rotol Ltd.	Actuator	104796002, 104796003, 104796004	None
Dowty Rotol Ltd.	Actuator	104797001, 104797002	None
Messier-Dowty	Shock Absorber	200920001, 200920002, 200920003, 200920004	None
Messier-Dowty	Forward Pintle Pin	200952003	None
Messier-Dowty	Rear Pintle	200950001, 200951001	None
Messier-Dowty	Wheel Lever	200916001, 200917001, 201115001, 201116001	None
Messier-Dowty	Drag Brace	200918001, 200918002	None
Messier-Dowty	Shut Off Valve	104802002	None
Meggitt Aircraft Braking Systems	Main Wheel Assembly	Dunlop AHA1236 Dunlop AHA 1847	Maintenance as provided in Meggitt CMM 32-40-65 and Standard Practice Manual 32-49-99.
Dunlop Aerospace, Ltd.	Shuttle Valve	AHO87205, AHO88131	None
Dunlop Aerospace, Ltd.	Modulator	AC6S776, AC66890	None
Aero Instruments	Pitot Tube	PH1100 – 1 (L, R)	MTS Repair Specification MWT-PTR-001
Shorts SD3 Series	Flight Control Rod	2247XA/XB, 2248XA/XB 2450XA/XB, 6070XA, 6071XA, 6072XA, 6600XA, 6601XA, 6602XA, 6603XA, 6605XA	MTS Repair Specification RDMT-SD3-CRT-001

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Parker Hannifin	Nose Wheel Assembly	40-210	None
Dowty Aerospace (Triumph Group)	Inflation Cock	104249002	None

Limited Ratings – Non Destructive Inspection

Procedure	Standard	Limitations
Magnetic Particle Inspection*	In accordance with ASTM E-1444	Or as otherwise specified by the manufacturer's procedures.
Liquid Penetrant*	In accordance with ASTM E-1417	Or as otherwise specified by the manufacturer's procedures.

*NDT will be conducted in accordance with the referenced standards. The inspection mediums used may be more sensitive than specified by the manufacturer, but under no circumstances, less sensitive.

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